

Table 4. Streamflow-gaging stations and drainage areas used to interpolate median flows for controlled stream segments on the Kansas Surface Water Register¹

[mi², square miles; ft³/s, cubic feet per second; KSA, Kansas Statute KSA 82a–2001 analysis; AAH, all-available hydrology analysis]

Station number (fig. 1)	Station name	Period of record (water years)	Drainage area (mi ²)	Median flow (ft ³ /s)	
				KSA	AAH
06813500	Missouri River at Rulo, NE	1961–2000	418,859	46,200	40,800
06818000	Missouri River at St. Joseph, MO	1961–2000	420,300	49,000	43,300
06826500	South Fork Republican River near Hale, CO	1961–86	1,825	6.0	6.2
06827500	South Fork Republican River near Benkelman, NE	1961–2000	2,740	16	16
06848000	Prairie Dog Creek at Norton, KS	1965–2000	684	.47	.10
06848500	Prairie Dog Creek near Woodruff, KS	1965–2000	1,007	7.4	2.0
06853020	Republican River at Guide Rock, NE	1985–2000	22,100	116	111
06853500	Republican River near Hardy, NE	1961–2000	22,401	164	167
06854000	White Rock Creek at Lovewell, KS	1961–2000	345	.15	.20
06854500	Republican River at Scandia, KS	1961–72	23,560	250	244
06856000	Republican River at Concordia, KS	1961–2000	23,560	269	284
06856600	Republican River at Clay Center, KS	1961–2000	24,542	407	396
06857100	Republican River below Milford Dam, KS	1968–2000	24,890	276	357
06862000	Smoky Hill River at Cedar Buff Dam, KS	1961–90	5,530	0	.28
06862700	Smoky Hill River near Schoenchen, KS	1965–2000	5,750	6.3	11
06862850	Smoky Hill River below Schoenchen, KS	1982–2000	5,810	7.7	1.8
06864000	Smoky Hill River near Russell, KS	1965–74	6,965	35	35
06864050	Smoky Hill River near Bunker Hill, KS	1961–2000	7,075	63	34
06864500	Smoky Hill River at Ellsworth, KS	1961–2000	7,580	94	65
06865500	Smoky Hill River near Langley, KS	1961–2000	7,857	121	78
06866500	Smoky Hill River near Mentor, KS	1961–2000	8,358	197	135
06868200	Saline River at Wilson Dam, KS	1965–2000	1,917	21	16
06869500	Saline River at Tescott, KS	1965–2000	2,820	105	45
06870200	Smoky Hill River at New Cambria, KS	1963–2000	11,730	400	224
06871800	North Fork Solomon River at Kirwin, KS	1961–2000	1,367	.04	.03
06872500	North Fork Solomon River at Portis, KS	1961–2000	2,315	80	34
06873200	South Fork Solomon River below Webster Reservoir, KS	1961–2000	1,150	.68	0
06873460	South Fork Solomon River at Woodston, KS	1979–2000	1,502	21	6.5

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				KSA	AAH
06874000	South Fork Solomon River at Osborne, KS	1961–2000	2,012	56	21
06875900	Solomon River near Glen Elder, KS	1968–2000	5,340	149	54
06876070	Solomon River near Simpson, KS	1991–2000	5,538	187	187
06876900	Solomon River at Niles, KS	1968–2000	6,770	320	174
06877600	Smoky Hill River at Enterprise, KS	1961–2000	19,260	1,000	595
06879100	Kansas River at Fort Riley, KS	1968–2000	44,870	1,680	1,350
06887000	Big Blue River near Manhattan, KS	1963–2000	9,640	1,170	974
06887500	Kansas River at Wamego, KS	1963–2000	55,280	3,470	2,720
06888350	Kansas River near Belvue, KS	1983–2000	55,870	3,640	3,480
06889000	Kansas River at Topeka, KS	1963–2000	56,720	3,820	3,020
06890900	Delaware River below Perry Dam, KS	1970–2000	1,117	103	100
06891000	Kansas River at Lecompton, KS	1963–2000	58,460	4,480	3,580
06891500	Wakarusa River near Lawrence, KS	1978–2000	425	24	29
06892350	Kansas River at De Soto, KS	1963–2000	59,756	4,860	4,000
06893000	Missouri River at Kansas City, MO	1961–2000	485,200	57,800	50,200
06911000	Marais des Cygnes River at Melvern, KS	1965–74	351	33	33
06912500	Hundred and Ten Mile Creek near Quenemo, KS	1965–2000	322	20	22
06913000	Marais des Cygnes River near Pomona, KS	1974–2000	1,040	102	106
06913500	Marais des Cygnes River near Ottawa, KS	1974–2000	1,250	143	146
06915000	Big Bull Creek near Hillsdale, KS	1981–2000	147	21	20
06915800	Marais des Cygnes River at La Cygne, KS	1985–2000	2,669	463	525
06916600	Marais des Cygnes River near Kansas-Missouri State line, KS	1974–2000	3,230	562	578
07134180	Arkansas River near Granada, CO	1981–2000	23,707	112	106
07137500	Arkansas River near Coolidge, KS	1961–2000	25,410	206	129
07138000	Arkansas River at Syracuse, KS	1961–2000	25,763	209	133
07139000	Arkansas River at Garden City, KS	1980–2000	27,071	55	32
07139500	Arkansas River at Dodge City, KS	1961–2000	30,600	0	8.7
07140000	Arkansas River near Kinsley, KS	1961–2000	33,066	3.7	32
07141300	Arkansas River at Great Bend, KS	1961–2000	34,356	68	41
07143330	Arkansas River near Hutchinson, KS	1961–2000	38,910	345	275

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Station number (fig. 1)	Station name	Period of record (water years)	Drainage area (mi ²)	Median flow (ft ³ /s)	
				KSA	AAH
07143375	Arkansas River near Maize, KS	1988–2000	39,110	362	303
07144300	Arkansas River at Wichita, KS	1961–2000	40,490	520	433
07144550	Arkansas River at Derby, KS	1969–2000	40,830	659	541
07144795	North Fork Ninnescah River at Cheney Dam, KS	1965–2000	901	.58	.48
07145500	Ninnescah River near Peck, KS	1965–2000	2,129	218	212
07146500	Arkansas River at Arkansas City, KS	1961–2000	43,713	1,170	1,030
07146830	Walnut River at Highway 54 east of El Dorado, KS	1982–98	350	20	24
07147800	Walnut River at Winfield, KS	1982–2000	1,880	228	262
07166000	Verdigris River near Coyville, KS	1961–98	747	32	74
07166500	Verdigris River near Altoona, KS	1961–2000	1,138	120	138
07168500	Fall River near Fall River, KS	1961–89	585	44	53
07169500	Fall River at Fredonia, KS	1961–2000	827	109	92
07170060	Elk River below Elk City Lake, KS	1966–2000	634	28	21
07170500	Verdigris River at Independence, KS	1961–2000	2,892	455	401
07170700	Big Hill Creek near Cherryvale, KS	1982–2000	37.0	.69	.88
07171000	Verdigris River near Lenopah, OK	1961–2000	3,639	644	570
07179500	Neosho River at Council Grove, KS	1965–2000	250	15	13
07179730	Neosho River near Americus, KS	1965–2000	622	67	70
07179795	North Cottonwood River below Marion Lake, KS	1969–2000	200	8.6	7.6
07180200	Cottonwood River at Marion, KS	1985–99	502	28	32
07180400	Cottonwood River near Florence, KS	1969–2000	754	87	88
07182250	Cottonwood River near Plymouth, KS	1969–2000	1,740	266	298
07182510	Neosho River at Burlington, KS	1964–2000	3,042	434	397
07183000	Neosho River near Iola, KS	1964–2000	3,818	619	581
07185000	Neosho River near Commerce, OK	1964–2000	5,876	1,310	1,140

¹The Kansas Surface Water Register is maintained by the Kansas Department of Health and Environment (Topeka).